

## 0902 1550 nm Isolator (HP)

HL3200-P



### 1550 nm PM Optical Isolator, 800 mW

The isolator is a single stage, 800 mW, 1550 nm optical isolator. It features low insertion loss, high return loss and high isolation. It is a directional optical component used in testing instruments communication systems, fiber sensor and research.

#### FEATURES

- Low Insertion Loss
- High Return Loss
- High Isolation
- High Extinction Ratio
- High Stability & Reliability

#### USE IN

- Testing Instruments
- Fiber Sensor
- Communication Systems
- Research

Center Wavelength	1550 nm
Operating Bandwidth	±20 nm
Isolation	28 dB min.; 42 dB typ. @ Peak
Insertion Loss	0.4 dB max. typ.; 0.55 dB max.
Extinction Ratio	20 dB min.(Both Axis Working) 25 dB min.(Fast Axis Blocked)
Return Loss (In/Out)	50/50 dB min.
Power Handling	800 W max.
Tensile Load	5 N max.
Operating Temperature	0°C to +70°C
Storage Temperature	-40°C to +80°C

**Order notes to our customers:** The default parameters are as follows. For special needs, please contact sales.  
**1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.**  
**2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.**